

# **TFAP2C Expression in Breast Cancer - Correlation with Overall Survival Beyond 10 Years of Initial Diagnosis**

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**Table S1. Univariate analysis of other tumor markers for Disease-Free Survival**

<b>Variable</b>	<b>n</b>	<b>Comparison*</b>	<b>HR (95% CI)</b>	<b>p-value**</b>
ER	410	ER- vs ER+	1.08 (0.76, 1.54)	0.6655
PR	395	PR- vs PR+	1.29 (0.96, 1.74)	0.0968
HER-2/neu	235	HER-2/neu- vs HER-2/neu+	0.95 (0.60, 1.52)	0.8408
ER+/PR+/HER-	231	No vs Yes	1.07 (0.70, 1.64)	0.7466
Tumor Grade	399	Grade 1 vs Grade 2	0.80 (0.57, 1.14)	<0.0001
		Grade 1 vs Grade 3	0.44 (0.30, 0.65)	
		Grade 2 vs Grade 3	0.55 (0.39, 0.77)	
T Stage	433	T0/1 vs T2	0.69 (0.51, 0.93)	<0.0001
		T0/1 vs T3/4	0.33 (0.22, 0.50)	
		T2 vs T3/4	0.48 (0.31, 0.75)	
N Stage	416	N+ vs N0	1.55 (1.17, 2.05)	0.0025

\*referent group listed last

\*\*from Wald Chi-square test

**Table S2. Multivariable analysis for Disease-Free Survival (n=325)**

<b>Variable</b>	<b>Comparison*</b>	<b>HR (95% CI)</b>	<b>p-value**</b>
Tumor Grade	Grade 1 vs. Grade 2	0.76 (0.51, 1.13)	0.0178
	Grade 1 vs. Grade 3	0.50 (0.32, 0.77)	
	Grade 1 vs. Unknown	0.76 (0.41, 1.40)	
	Grade 2 vs. Grade 3	0.65 (0.45, 0.95)	
	Grade 2 vs. Unknown	1.00 (0.57, 1.75)	
	Grade 3 vs. Unknown	1.54 (0.85, 2.76)	
T Stage	T0/1 vs. T2	0.88 (0.62, 1.25)	0.0047
	T0/1 vs. T3/4	0.51 (0.30, 0.85)	
	T0/1 vs. TX	0.05 (0.01, 0.44)	
	T2 vs. T3/4	0.58 (0.35, 0.95)	
	T2 vs. TX	0.06 (0.01, 0.50)	
	T3/4 vs. TX	0.11 (0.01, 0.89)	
N Stage	N+ vs. N0	1.33 (0.94, 1.88)	0.1030
TFAP2C H-score Category	High vs. Low	0.86 (0.63, 1.16)	0.3180

\*referent group listed last

\*\*from Wald Chi-square test

Figure S1: Relationship between TFAP2C-H scores and disease-free survival of all patients or patients subdivided based on tumor characteristics and/or treatment. Blue line represents high TFAP2C H-score, whereas red line represents low TFAP2C H-score.

